

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) In a wireless device, a method of searching for an item of information residing on another wireless device, said method comprising:

creating a message that identifies said item of information and that also identifies an address, said message readable by a second wireless device within communication range; and

receiving said item of information from said second wireless device provided said item of information is available therefrom and ~~provided~~ said second wireless device remains in communication with said wireless device, wherein otherwise said message is propagated by said second wireless device to other wireless devices, ~~said address for receiving said item of information from one~~ wherein in response to said message any of said other wireless devices having said item of information and a connection to said address sends said item of information to said address.

2. (Original) The method as recited in Claim 1 wherein said address is a Web-based address.

3. (Original) The method as recited in Claim 1 comprising: sending said message to said second wireless device.

4. (Original) The method as recited in Claim 1 wherein said message is read by said second device, said second device creating a second message that is a duplicate of said message.

5. (Original) The method as recited in Claim 1 wherein said second wireless device and said other wireless devices comprise sensor devices in a sensor network.

6. (Original) The method as recited in Claim 1 wherein said message comprises Extensible Markup Language (XML) code.

7. (Original) The method as recited in Claim 1 wherein said message comprises a unique message identifier.

8. (Currently Amended) In a wireless device, a method of retrieving an information item sought by another wireless device, said method comprising:

receiving from a second wireless device an address and content associated with said information item; and

propagating a message to other wireless devices within communication range, said message comprising said address and said content, ~~said message also comprising said information item provided said information item is available and otherwise said message identifying a sought-for information item, said address for receiving said item of information from one wherein in response to said message any~~ of said other wireless devices having said item of information and a connection to said address sends said item of information to said address.

9. (Original) The method as recited in Claim 8 wherein said content associated with said information item identifies said sought-for information item.

10. (Original) The method as recited in Claim 8 wherein said content associated with said information item comprises said information item.

11. (Original) The method as recited in Claim 8 wherein said address is a Web-based address.

12. (Original) The method as recited in Claim 8 comprising:
creating said message by reading and duplicating a message residing on said second device.

13. (Original) The method as recited in Claim 8 comprising:
receiving a message from said second device, said message from said second device comprising said address and said content associated with said information item.

14. (Original) The method as recited in Claim 8 wherein said other wireless devices comprise sensor devices in a sensor network.

15. (Original) The method as recited in Claim 8 wherein said message comprises Extensible Markup Language (XML) code.

16. (Currently Amended) In a wireless device, a method of providing an information item sought by another wireless device, said method comprising:

receiving from a second wireless device an address and content associated with said information item; and

sending said information item to said address provided a connection to said address is available and ~~provided~~ said information item is available and otherwise propagating a message to other wireless devices within communication range, said message comprising said address, said message also comprising said information item provided said information item is available and otherwise said message identifying a sought-for information

~~item, said address for receiving said item of information from one~~ wherein in response to said message any of said other wireless devices having said information item and a connection to said address sends said information item to said address.

17. (Original) The method as recited in Claim 16 wherein said content associated with said information item identifies said sought-for information item.

18. (Original) The method as recited in Claim 16 wherein said content associated with said information item comprises said information item.

19. (Original) The method as recited in Claim 16 wherein said address is a Web-based address.

20. (Original) The method as recited in Claim 16 comprising:
creating said message by reading and duplicating a message residing on said second device.

21. (Original) The method as recited in Claim 16 comprising:
receiving a message from said second device, said message from said second device comprising said address and said content associated with said information item.

22. (Original) The method as recited in Claim 16 wherein said other wireless devices comprise sensor devices in a sensor network.

23. (Original) The method as recited in Claim 16 wherein said message comprises Extensible Markup Language (XML) code.